

REVISIONS

DATE

95% SUBMISSION

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DATE: 03/04/11
PROJECT NO: 531-10-114
DRAWING NO: M2.2

DEPARTMENT OF VETERANS AFFAIRS

1 FIRST FLOOR HVAC PLAN BLDG. 33

SCALE: 1/4" = 1'-0"

STAMP

PRELIMINARY
NOT FOR
CONSTRUCTION

DRAWING TITLE
FIRST FLOOR
MECHANICAL PLAN

PROJECT TITLE
VAMC
RENOVATE
BUILDING 33

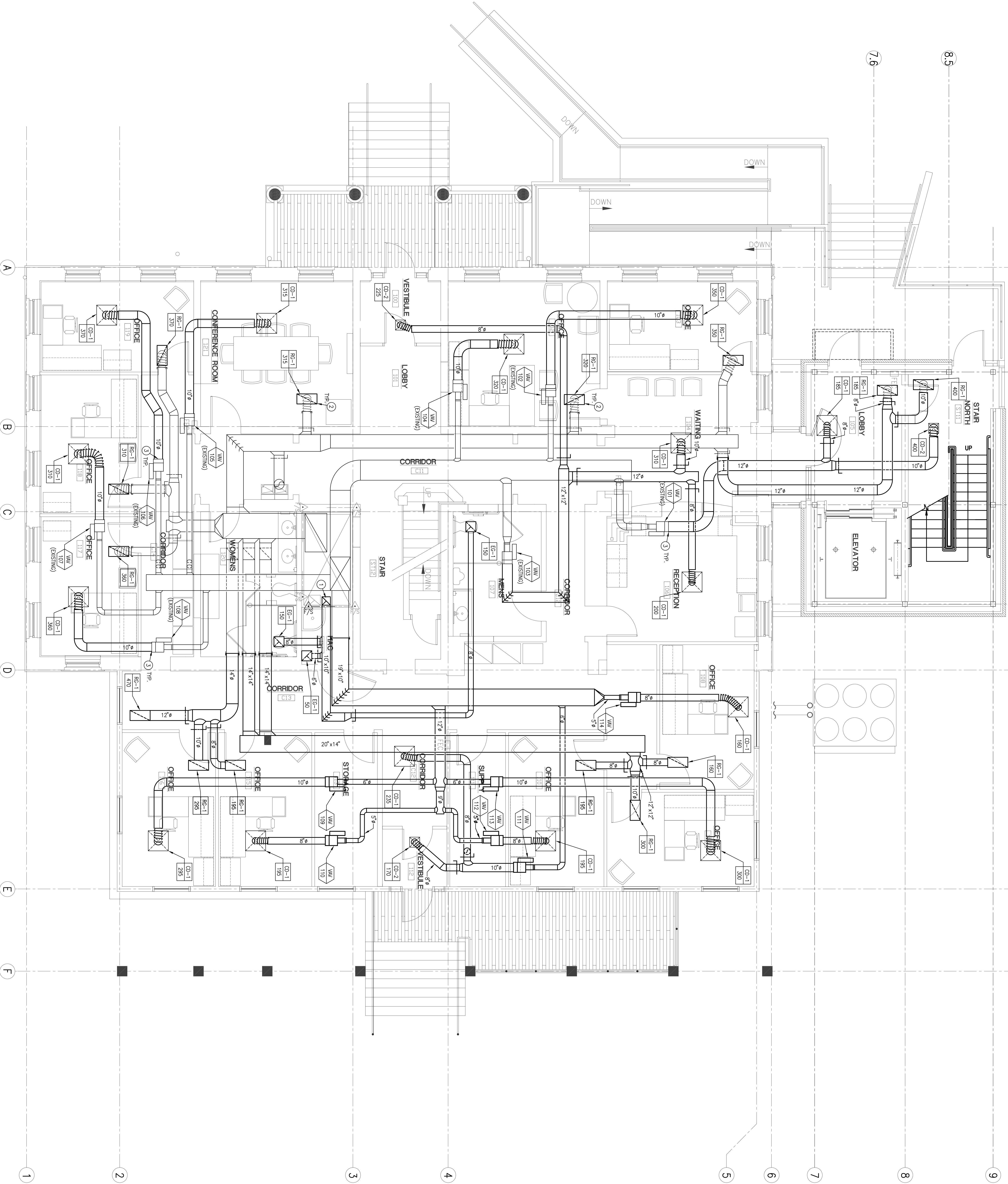
BUILDING NUMBER
33

CHECKED
RME

DRAWN
DJH

APPROVED: SERVICE DIRECTOR

LOCATION
BOISE, IDAHO



➊ SHEET NOTES:

1. 254mm x 254mm (10" x 10") EXHAUST DUCT UP TO EF-1 IN ATTIC, RE: M2.2 FOR CONSTRUCTION.
2. EXTEND RETURN DUCT FULL SIZE OF EXISTING DUCT TO RETURN GRILLE.
3. TRANSITION NEW LOW PRESSURE DUCT WORK TO EXISTING VAV BOX. ALL FINAL CONNECTIONS SHALL BE FLEXIBLE.
4. IF ACCESSING A CONFINED SPACE THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. AIR MONITORING SHALL BE CONTINUOUSLY MONITORED. MANHOLE IN ADDITION TO A CONFINED SPACE AIR MONITOR THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE OR EQUIPMENT. THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE RESPONSIBLE FOR PROVIDING THE CONTRACTOR WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
5. ROUTE DUCTWORK IN COORDINATION WITH OTHER TRADES. HANG DUCTWORK AS HIGH AS POSSIBLE AND ROUTE DUCTWORK WITH IN SINGAPORE WHERE POSSIBLE.
6. UNLESS OTHER NOTE NOTED SUPPLY DUCT UPSTREAM OF AFVY SIZES HAVE BEEN SHOWN DOWN STREAM DUCTWORK. FOR CLARITY NOT ALL SIZES HAVE BEEN SHOWN.
7. MOUNT TEMPERATURE SENSOR AT 48" AFF. COORDINATE LOCATION OF TEMPERATURE SENSORS IN USE SPACES WITH PLUMBING CONTRACTOR.
8. DUCT SIZES INDICATED FOR CONNECTION TO EQUIPMENT MAY DIFFER FROM EXACT SIZES LISTED TO UNIT CONNECTION.
9. TEMPERATURE SENSORS SHALL BE INSTALLED AT 48" AFF. UNLESS NOTED OTHERWISE. COORDINATE HANGING BOX INSULATION WITH ELECTRICAL CONTRACTOR.
10. FIRE DAMPERS SHALL BE 1-1/2 HOUR RATED UNLESS OTHERWISE NOTED.
11. CONTRACTOR SHALL PROVIDE ALL NECESSARY TRANSITIONS TO AVOID CONTACT WHEREVER AVAILABLE SPACE ALLOWS. OFFSETS SHALL BE MADE WITH 45 DEGREE ELBOWS WITH TURNING VANES.
12. ALL CEILING OFFSETS SHALL BE PROVIDED WITH 4-WAY THROW PATTERN UNLESS OTHERWISE NOTED.
13. TRANSITION AS NECESSARY FROM DUCT SIZES INDICATED ON PLAN TO EQUIPMENT DUCT CONNECTION.
14. PENING PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE FIRESTOPPED IN ACCORDANCE NFPA-90A.
15. DUCTWORK AND PIPING SHOWN ARE FOR GENERAL ROUTING PURPOSES ONLY. CONTRACTOR SHALL CONFIRM EXACT ROUTING WITH OTHER TRADES AND PROVIDE ALL NECESSARY TRANSITIONS, HIGH POINT VENTS AND LOW POINT DRAINS AND OFFSETS NECESSARY TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM.
16. ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSULATION OF DUCTWORK, CONDENSATES, ETC. EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
17. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING MINIMUM OSHA 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, AND OTHER SAFETY REQUIREMENTS. THE CONTRACTOR SHALL APPLY THE SUBCONTRACTOR'S OSHA 10-HOUR TRAINING RECORD ON SITE WHEN REQUIRED BY OSHA.
18. IF ACCESSING A CONFINED SPACE THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. AIR MONITORING SHALL BE CONTINUOUSLY MONITORED. MANHOLE IN ADDITION TO A CONFINED SPACE AIR MONITOR THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE OR EQUIPMENT. THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE RESPONSIBLE FOR PROVIDING THE CONTRACTOR WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.